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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/696,526	696,526 10/29/2003		Shi-Tron Lin	500-003	6387
24002	7590	03/24/2005		EXAMINER	
ANTHON				CRANE, SARA W	
20 GATEW MANORVI	•	_		ART UNIT PAPER NUMBER	
	,			2811	
				DATE MAILED: 03/24/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/696,526	LIN ET AL.	·
Office Action Summary	Examiner	Art Unit	
	Sara W. Crane	2811	
The MAILING DATE of this communication a Period for Reply	appears on the cover sheet w	vith the correspondence ad	dress
A SHORTENED STATUTORY PERIOD FOR REI THE MAILING DATE OF THIS COMMUNICATIOI - Extensions of time may be available under the provisions of 37 CFR after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a - If NO period for reply is specified above, the maximum statutory peri - Failure to reply within the set or extended period for reply will, by sta Any reply received by the Office later than three months after the may earned patent term adjustment. See 37 CFR 1.704(b).	N. 1.136(a). In no event, however, may a reply within the statutory minimum of the iod will apply and will expire SIX (6) MC stute, cause the application to become A	reply be timely filed irty (30) days will be considered timely INTHS from the mailing date of this co ABANDONED (35 U.S.C. § 133).	
Status			F
1) Responsive to communication(s) filed on	_		
·— · · — —	his action is non-final.		
3) Since this application is in condition for allow closed in accordance with the practice under	wance except for formal ma	·	ments is
Disposition of Claims			
4) ☐ Claim(s) 1-26 is/are pending in the application 4a) Of the above claim(s) is/are without 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-26 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and are subject to restriction and are subject to restriction and are subjected to by the Exame 10) ☐ The drawing(s) filed on is/are: a) ☐ a Applicant may not request that any objection to the subject of th	drawn from consideration. d/or election requirement. iner. accepted or b) □ objected to the drawing(s) be held in abeya	ance. See 37 CFR 1.85(a).	ED 1 121/d\
Replacement drawing sheet(s) including the corr 11) The oath or declaration is objected to by the			
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the papplication from the International Bur * See the attached detailed Office action for a	ents have been received. ents have been received in priority documents have been reau (PCT Rule 17.2(a)).	Application No n received in this National	Stage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/Paper No(s)/Mail Date 24 November 2003.	Paper No	Summary (PTO-413) o(s)/Mail Date Informal Patent Application (PTC	D-152)

Application/Control Number: 10/696,526

Art Unit: 2811

DETAILED ACTION

Claim Rejections - 35 USC § 112

Claims 1-26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 1 and 14, a "field-oxide segment" is formed over a part of the channel region. The designation "field-oxide" is not clear, because usually the channel region is not considered part of the field. (The field surrounds and isolated the active areas.) So it is not clear whether the "field-oxide segment" would be simply any thick segment of oxide, similar in thickness to that of a field oxide, or whether the claim requires that the "field-oxide segment" that is formed over the part of the channel region must actually be an extension of the oxide layer that surrounds the active area.

Also, in claim 26, the "second arrays of islands formed over said bulk and being enclosed by said first doped region" is not clear. Does "enclosed" mean that, in a top view, the doped region would completely encircle the islands? (This seems to be consistent with the figures.) Taken literally, "enclosed by" would mean "completely surrounded by," but it seems that the claim intends for the islands to be above the substrate, and the doped regions are to be in the substrate.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to S. Crane, whose telephone number is (571) 272-1652.

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The supervisor for Art Unit 2811, Eddie Lee can be reached on (571) 272-1732. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Sara W. Crane Primary Examiner Art Unit 2811